Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101124\
Data File : BM048019.D
Acq On : 11 Oct 2024 20:34
Operator : RC/JU
Sample : P4237-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 12 00:49:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A4F24

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2024
Supervised By :mohammad ahmed 10/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	226141	20.000	ng/ul	0.00
20) Naphthalene-d8	10.575	136	899923	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	555400	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1178203	20.000	ng/ul	0.00
79) Chrysene-d12	21.380	240	1115308	20.000	ng/ul	0.00
88) Perylene-d12	24.368	264	1302288	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9997	1.429	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.957	99	144482	6.757	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	96206	6.340	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	134504	8.645	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	91068	5.728	ng/ul	0.00
21) Nitrobenzene-d5	8.940	128	61454	8.577	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	62198	9.058	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	112944	8.234	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	48277	2.277	ng/ul	0.00
46) Dimethylphthalate-d6	13.827	166	348988	8.667	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	430121	9.009	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	21659	2.702	ng/ul	0.01
60) Fluorene-d10	15.410	176	330817	9.485	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	15122	2.193	ng/ul	0.00
73) Anthracene-d10	17.257	188	508047	8.769	ng/ul	0.00
81) Pyrene-d10	19.545	212	598606	9.457	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.162	264	486610	7.202	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.604	105	37255	1.369	ng/ul	92
72) Phenanthrene	17.198	178	343457	4.971	ng/ul	99
74) Anthracene	17.286	178	70495	1.000	ng/ul	98
80) Fluoranthene	19.209	202	862411	11.568	ng/ul	100
82) Pyrene	19.574	202	699280	8.428	ng/ul	96
85) Benzo(a)anthracene	21.362	228	381929	4.891	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	152009	3.451	ng/ul#	98
87) Chrysene	21.427	228	459815	6.040	ng/ul	97
90) Benzo(b)fluoranthene	23.427	252	668402	8.230	ng/ul	98
91) Benzo(k)fluoranthene	23.480	252	218892m	2.636	ng/ul	
93) Benzo(a)pyrene	24.227	252	272116	3.528	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.738	276	266199	2.693	ng/ul	96
95) Dibenzo(a,h)anthracene	27.785	278	83155	1.027	ng/ul#	86

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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